

Title (en)

SELF CONTAINED CELL GROWTH SYSTEM

Title (de)

SELBSTÄNDIGES ZELLWACHSTUMSSYSTEM

Title (fr)

SYSTEME DE CROISSANCE CELLULAIRE AUTONOME

Publication

EP 0994941 A4 20041020 (EN)

Application

EP 98935588 A 19980707

Priority

- US 9814258 W 19980707
- US 5231197 P 19970711

Abstract (en)

[origin: WO9902646A1] The present application relates generally to a system (1) for the practice of high density cell culture. The system (1) employs the use of two tanks; a cell growth tank (14) having multiple cell growth chambers, is preferably situated within a reservoir tank (12). A series of pumps (82) and outlets (80) provide an even and continuous circulation of media and air to the system and between tanks. The system is designed to operate with minimal supervision and constantly over long periods of time.

IPC 1-7

C12M 3/04

IPC 8 full level

C12M 3/04 (2006.01); **C12M 3/02** (2006.01)

CPC (source: EP US)

C12M 23/34 (2013.01 - EP US); **C12M 29/06** (2013.01 - EP US)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 7 31 July 1996 (1996-07-31)
- See references of WO 9902646A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9902646 A1 19990121; DE 69831948 D1 20051124; DE 69831948 T2 20060727; EP 0994941 A1 20000426; EP 0994941 A4 20041020; EP 0994941 B1 20051019; JP 2001509374 A 20010724; US 6107085 A 20000822

DOCDB simple family (application)

US 9814258 W 19980707; DE 69831948 T 19980707; EP 98935588 A 19980707; JP 2000502147 A 19980707; US 11075498 A 19980703